

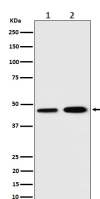
**bsm-62763R****[ Primary Antibody ]****BioSS**  
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**TIM44 Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**GeneID:** 10469**SWISS:** O43615**Target:** TIM44**Immunogen:** A synthesized peptide derived from human TIM44: 10-240.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. Recruits mitochondrial HSP70 to drive protein translocation into the matrix using ATP as an energy source.**Applications:** **WB** (1:1000-1:2000)  
**Flow-Cyt** (1:20-1:100)  
**ICC/IF** (1:50-1:200)  
**IP** (1:20-1:50)**Reactivity:** Human, Rat**Predicted MW.:** 51**— VALIDATION IMAGES —**

Western blot analysis of (1) K562 cell lysate; (2) C6 cell lysate. Using TIM44 (bsm-62763R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.